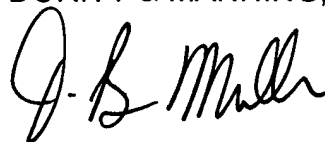


The replacement sequence listings are understandably longer in length than the sequences initially submitted. With respect to Applicant's Table 1 on page 24 of the specification, the initial sequences set forth in Table 1 and Table 2 identified a mutation site and then set forth the mutated sequences in the truncated form. In other words, the entire sequence was not repeated in the application as filed. By way of the above amendment to the sequence listing, Applicant has set forth the entire sequence for each mutant listed in Tables 1 and 2. The new entire sequences are numbered as SEQ. ID NOS. 33-55. To the extent that the entire sequence, mutation site, and sequence corresponding to the mutated region were fully disclosed in the application as originally filed, Applicant respectfully submits that no new matter is added by the present amendment. Rather, the form of the sequence, i.e., the entire, non-truncated sequences of the respective nucleic and amino acids is being provided as new SEQ. ID. NOS. 33-55.

Inasmuch as all outstanding issues raised by the Examiner have been addressed, it is respectfully submitted that the present application is in condition for allowance, and action to such effect is earnestly solicited. The Examiner is encouraged to telephone the undersigned at his/her convenience should only minor issues remain after consideration of the present Amendment, to permit early resolution of same.

Please charge any additional fees required by this Amendment to Deposit Account No. 04-1403.

Respectfully submitted,
DORITY & MANNING, PA

A handwritten signature in black ink, appearing to read "J. B. Mullinax", written in a cursive style.

J. Bennett Mullinax
Reg. No. 36,221